



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Attorney Docket No. 79612-10

#4/Grant A  
of Drawing  
A Feed  
7/23/03

In re application of Grant A. Ellis

Serial No.: 10/029,234

Filed : December 28, 2001

For : HIGH EFFICIENCY TRANSMIT ANTENNA

)  
) Art Unit: 2821

)  
) Examiner: Shih Chao Chen

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TECHNOLOGY CENTER 2800

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 13, 2003 please amend the above-identified application as follows:

IN THE DRAWINGS:

Please amend Figures 1A, 3B and 4B as indicated in red on the enclosed drawings.

IN THE SPECIFICATION:

Please replace the paragraph starting on line 15 of page 8 with the following:

A1  
-- A feed pin 20 is connected to the underside of the top plate 10. A first shorting pin 21 and a second shorting pin 22 (not shown in Figure 1a) are connected between the underside of the top plate 10 and the ground plane 11, such that an imaginary line between the feed pin 20 and shorting pins 21 and 22 forms a right angle whose sides are parallel to two respective sides of the top plate 10. In Figure 1b it can be seen that the shorting pins, 21 and 22, are a distance  $\rho_2$  and  $\rho_1$  from the feed pin 20. Preferably the distances  $\rho_2$  and  $\rho_1$  are equal.--